

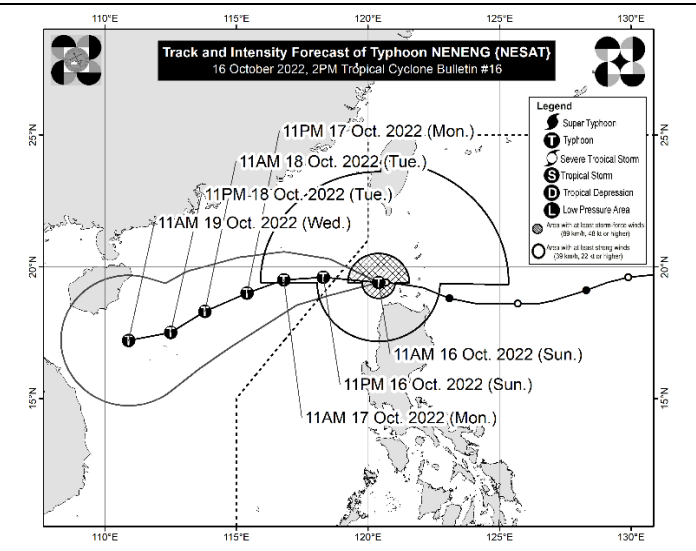


TROPICAL CYCLONE BULLETIN NO. 16
Typhoon NENENG (NESAT)

Issued at 2:00 PM, 16 October 2022
 Valid for broadcast until the next bulletin at 5:00 PM today

“NENENG” INTENSIFIES INTO A TYPHOON AFTER IT HAS UNDERGONE EXTREME RAPID INTENSIFICATION

Location of Center (1:00 PM)
The center of the eye of Typhoon “NENENG” was estimated based on all available data including those from Aparri Doppler Weather Radar at 145 km West of Calayan, Cagayan (19.5°N, 120.1°E)
Intensity
Maximum sustained winds of 120 km/h near the center, gustiness of up to 150 km/h , and central pressure of 975 hPa
Present Movement
Westward at 20 km/h
Extent of Tropical Cyclone Winds
Strong to typhoon-force winds extend outwards up to 550 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 11:00 PM 16 October 2022	19.6	118.3	335 km West of Calayan, Cagayan (Outside the PAR)	120	TY	W 20
24-Hour Forecast 11:00 AM 17 October 2022	19.5	116.8	490 km West of Calayan, Cagayan (Outside the PAR)	130	TY	W 15
36-Hour Forecast 11:00 PM 17 October 2022	19.0	115.4	640 km West of Calayan, Cagayan (Outside the PAR)	140	TY	WSW 15
48-Hour Forecast 11:00 AM 18 October 2022	18.3	113.8	710 km West of Laoag City, Ilocos Norte (Outside the PAR)	140	TY	WSW 15
60-Hour Forecast 11:00 PM 18 October 2022	17.5	112.5	845 km West of Northern Luzon (Outside the PAR)	130	TY	WSW 15
72-Hour Forecast 11:00 AM 19 October 2022	17.2	110.9	1,015 km West of Northern Luzon (Outside the PAR)	120	TY	W 15

Prepared by:  **SMRR**

Checked by:  **SFD**



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
3 Wind threat: Storm-force winds	The western portion of Babuyan Islands (Panuitan Is., Calayan Is., Dalupiri Is.)	-	-
	Warning lead time: 18 hours Potential impacts of winds: Moderate to significant threat to life and property		
2 Wind threat: Gale-force winds	Batanes, the northwestern portion of Cagayan (Santa Praxedes, Claveria, Sanchez-Mira, Pamplona, Abulug, Ballesteros), the northwestern portion of Apayao (Calanasan, Luna, Santa Marcela), and Ilocos Norte	-	-
	Warning lead time: 24 hours Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	Kalinga, Abra, the northern and central portions of Ilocos Sur (Gregorio del Pilar, Magsingal, San Esteban, Banayoyo, Burgos, City of Candon, Santa Lucia, Santiago, San Vicente, Santa Catalina, Lidlidda, Nagbukel, Sinit, San Idefonso, Galimuyod, City of Vigan, San Emilio, Cabugao, Caoayan, San Juan, Santa, Bantay, Santo Domingo, Santa Maria, Narvacan, Salcedo, Santa Cruz), the rest of Apayao, and the rest of Cagayan	-	-
	Warning lead time: 36 hours Potential impacts of winds: Minimal to minor threat to life and property		
Tropical Cyclone Wind Signals in other areas are hereby lifted			



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- *Today:* Moderate to heavy rains may prevail over Batanes, Apayao, Abra, Benguet, Ilocos Norte, and Ilocos Sur. Light to moderate with at times heavy rains over the rest of Ilocos Region and Cordillera Administrative Region.
- Under these conditions, **scattered to widespread flooding and rain-induced landslides are expected**, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall.
- The trough of NENENG and the convergence of its circulation with the southwesterly winds induced by the tropical storm may also bring occasional rains today over the western portions of Visayas and MIMAROPA and the northern and western portions of Mindanao. A Weather Advisory may be issued should the potential for flooding rains further increase.

Severe Winds

- During the passage of NENENG, winds may reach **storm-force strength** in the western portion of Babuyan Islands, and winds of up to **gale-force strength** may prevail within any of the areas where Wind Signal No. 2 is hoisted. **Strong winds (strong breeze to near gale strength)** will be experienced within any of the areas where Wind Signal No. 1 is currently in effect.
- The induced southwesterly winds may also bring **occasional gusts reaching strong breeze to near gale strength** today over most of Southern Luzon and Visayas and the eastern portions of Central Luzon, especially in coastal and mountainous/upland localities of these areas.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of the surge of northeasterly surface wind flow, a **marine gale warning** remains in effect over the seaboard of Northern Luzon. For more information, refer to Gale Warning #14 issued at 5:00 AM today.
- The aforementioned surge and the approaching tropical cyclone may also bring **moderate to rough seas** (2.0 to 3.5 m) over the eastern and western seaboard of Central Luzon and the eastern seaboard of Southern Luzon. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- Typhoon NENENG will continue moving westward or west northwestward over the West Philippine Sea until tomorrow early morning, then turn and move generally west southwestward or southwestward for the remainder of tomorrow through Wednesday morning. On the forecast track, it may exit the Philippine Area of Responsibility (PAR) this late afternoon or tonight.
- **NENENG has undergone extreme rapid intensification and reached typhoon category at 11:00 AM today.** Further intensification is likely as this tropical cyclone moves over the West Philippine Sea.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.